



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)



**CONFIRMATION NO. 6813**

Bib Data Sheet

SERIAL NUMBER 10/532,509	FILING OR 371(c) DATE 04/25/2005 RULE	CLASS 330	GROUP ART UNIT 2817	ATTORNEY DOCKET NO. PD-202131
-----------------------------	--	--------------	------------------------	-------------------------------------

**APPLICANTS**

Ernest C Chen, San Pedro, CA;  
 Shamik Maitra, Redondo Beach, CA;

**\*\* CONTINUING DATA \*\*\*\*\***

This application is a 371 of PCT/US03/33130 10/17/2003  
 which claims benefit of 60/421,289 10/25/2002  
 and claims benefit of 60/510,368 10/10/2003 \*

(\*)Data provided by applicant is not consistent with PTO records.

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 23	TOTAL CLAIMS 48	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

**ADDRESS**

Georgann S Grunebach  
 The Diectv Group Inc  
 Re/R11/A109  
 Post Office Box 956  
 El Segundo , CA 90245

**TITLE**

Estimating the operating point on a non-linear traveling wave tube amplifier

FILING FEE RECEIVED 1900	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit